

Title (en)
EXPLOSION-PROOF ROBOT

Title (de)
EXPLOSIONSSICHERER ROBTER

Title (fr)
ROBOT ANTIDÉFLAGRANT

Publication
EP 3505313 A1 20190703 (EN)

Application
EP 17865436 A 20170629

Priority
• JP 2016211595 A 20161028
• JP 2017023941 W 20170629

Abstract (en)
An explosion-proof robot is an explosion-proof robot which is capable of self-propulsion on a field and includes: an explosion-proof casing of a hollow shape inside of which at least one electric component is placed; and a cover including a nonmetal material and covering at least part of an outer surface of the explosion-proof casing.

IPC 8 full level
B25J 19/00 (2006.01)

CPC (source: EP US)
B25J 5/00 (2013.01 - EP); **B25J 9/0009** (2013.01 - US); **B25J 11/0025** (2013.01 - US); **B25J 19/00** (2013.01 - EP); **B25J 19/0075** (2013.01 - EP US); **B25J 5/00** (2013.01 - US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3505313 A1 20190703; EP 3505313 A4 20191120; EP 3505313 B1 20210609; JP 2018069374 A 20180510; JP 6441877 B2 20181219; US 11518041 B2 20221206; US 2020030989 A1 20200130; WO 2018078951 A1 20180503

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